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TCS-3427-58

Copy 8 of 8

9 July 1958

MEMORANDUM FOR: Colonel James H. Macia, Jr., AF CIN

SUBJECT : Geodetic Positioning Accuracy

REFERENCES : A. Memorandum from Colonel Macia to
Chairman, ARC, dated 13 June 1958
B. TCS-2839-58 dated 24 March 1958
C. TCS-2899-58, 19 March 1958

1. I am transmitting herewith the original WAC charts which the Air Force submitted in connection with the subject of geodetic positioning accuracy.

2. In this connection, I quote from a memorandum received from of HTAUTOMAT:

"As a result of reference C, HTAUTOMAT has the following background information which may be of interest in taking action on reference A:

"a. The seventeen WACs received by HTAUTOMAT (reference C, paragraph 1) represent about 14 per cent of the WAC sheet coverage of the USSR proper. On the seventeen WACs there were approximately 566 control points of which 103 may possibly be covered by existing photo coverage. This was determined by utilizing photographic indexes at a scale of 1:1,000,000. Therefore, the reliability for accurate pin-point coverage of the geodetic stations is limited by this consideration.

"b. The photo identification and the determination of points actually covered by existing photography, has not been established or accomplished. This operation would involve detailed photo-identification of each geodetic point and its

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2

TCS-3427-58

"reference points. It is not known how many of the geodetic points covered by photography can actually be positively photo-identified.

"c. HTAUTOMAT has no record of the reliability and accuracy of the description of the geodetic control points having been determined -- along with the validity of the control points."

3. In discussion with [] by phone, I learned that there yet remains the task of actually identifying whether geodetic points are adequately covered by the existing photography. Until this is done, we really cannot know whether those points listed in the Coverage List (reference B), copy of which was sent to [] on 9 July 1958, should be excluded from the list of targets levied against Operations. 25X1A

4. Accordingly, at [] request I am forwarding to him through you the attached material with the request that I be informed of exactly which control points are in the Air Force's view not now covered by existing photography and which are desired. 25X1A

5. In forwarding that final paper, would you be good enough to have copies made available directly to the Army and the Navy with three copies in addition for my use. By copy of this memorandum to the Army, I am alerting them to this request and thereby giving notice that upon receipt of the Air Force's final list they should take the initiative to express in writing as promptly as possible any views which they wish to submit. Such views and the requirements will be placed on the ARC agenda.



JAMES Q. REBER
Chairman

Ad Hoc Requirements Committee

Attachment

- 17 WAC charts
- JQR:cw
- 1&2-AFCIN w/att
- 3-OACSI
- 4-ONI
- 5-Cf HTA
- 6-Cf/G/ARR
- 7-Chmn ARC
- 8-PA

Para 5: When incoming 3 copies recd, forward 1 cy to Cf HTA, 1 to Cf/G/ARR [] the original is for JQR. 25X1A